Patent claims

1. Transdermal system for the delivery of clonidine, characterised in that it comprises a clonidine-containing contact adhesive layer based on a 2-ethylhexyl acrylate/vinyl acetate copolymer.

2. Transdermal system according to claim 1, characterised in that the contact adhesive layer comprises clonidine in a concentration range of from 0.1 to 20 % by weight.

3. Transdermal system according to claim 2, characterised in that the contact adhesive layer comprises clonidine in a concentration range of from 2 to 10 % by weight.

4. Transdermal system according to any one of claims 1 to 3, characterised in that in addition to comprising the clonidine and the 2-ethylhexyl acrylate/vinyl acetate copolymer, the contact adhesive layer also comprises fillers and/or skin-protective substances and/or tackifiers.

5. Transdermal system according to any one of the preceding claims, characterised in that the clonidine-containing contact adhesive layer forms a layer of a planar self-adhesive patch of multi-layered structure.

6. Transdermal system according to claim 5, characterised in that in addition to having the clonidine-containing

contact adhesive layer, the patch also has a covering and, on the side opposite from the covering, a removable support that temporarily covers the contact adhesive layer.

7. Transdermal system according to claim 6, characterised in that the covering consists of plastics film, plastics foam, woven fabric or non-woven fabric.

8. Transdermal system according to claim 6, characterised in that the support consists of plastics film or paper or a laminate thereof.

9. Transdermal system according to claim 8, characterised in that the support is siliconised.

10. Transdermal system according to claim 7 or 8, characterised in that the plastics film is polyester, polyethylene or polypropylene film.

11. Transdermal system according to any one of claims 5 to 10, characterised in that the dry contact adhesive layer has a weight per unit area of from 20 to 150 g/m^2.

12. Transdermal system according to claim 11, characterised in that the dry contact adhesive layer has a weight per unit area of from 50 to 120 g/m^2.

13. Transdermal system according to any one of the preceding claims, characterised in that the delivery rate is from 10 to 1000 µg of clonidine per day.

14. Transdermal system according to claim 13, characterised in that the delivery rate is from 50 to 500 µg of clonidine per day.

15. Use of a transdermal system according to any one of the preceding claims in the treatment of hypertension, migraine, anxiety states, hyperkinetic behavioural disorders, withdrawal symptoms in alcohol or drug withdrawal and menopausal symptoms.